

App. No. 10/012,199
Amendment

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 9, line 13 with the following amended paragraph:

FIG. 4A[[4B]] describes control of the ABL voltage (Automatic Brightness Limiter) where the composite video signal is reduced depending on the output voltage of the ABL circuit to lower the white level of the composite video signal, while keeping the overall tone unchanged from preventing an excess beam current from flowing without losing the half tone. The ABL circuit 620 depicts changes in the beam current to produce an output signal when the beam current exceeds a predetermined level. For example, the purpose of reducing the amplitude of a signal i.e. preventing excess beam current, when the amplitude of a brightness signal in the composite video signal decreases is to balance the brightness of the displayed picture image with the color saturation.

Please replace the paragraph beginning on page 9, line 23 with the following amended paragraph:

Accordingly, in the flow diagram of FIG. 4A[[4B]], an aging brightness control is determined at step 600. The ABL is measured at step 610 and if the ABL voltage is higher than expected step 620, then the strength of the beam current is decreased by the RGB cutoff control at step 640. Alternately, if the strength of the beam current is lowered than expected than there is needed an increase in the RGB cutoff at step 650 proceeding to the aging brightness control ending at step 660.